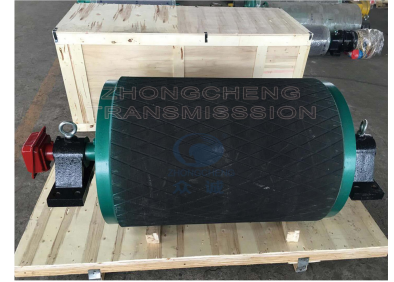
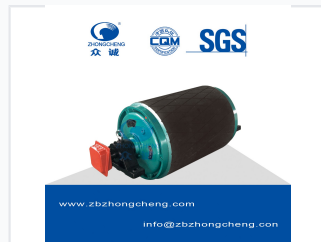


Oil Immersed Cycloidal Electric Pulley Conveyor Drum

This oil-immersed electric pulley conveyor drum features an advanced cycloidal pin wheel reduction mechanism. Alloy steel is used in the main parts, offering large bearing capacity, overload capacity, and stable transmission.



ADDITIONAL IMAGES



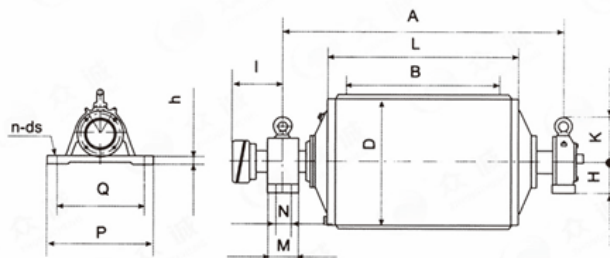
Product Overview

High-Efficiency Cycloidal Electric Pulley

This oil-immersed electric pulley integrates a motor, gearbox, and drum into a single compact unit for fixed belt conveyors and bucket wheel stacker reclaimers. It utilizes an advanced cycloidal pin wheel reduction mechanism constructed from high-strength alloy steel to deliver exceptional torque, overload capacity, and smooth transmission. Its oil-cooled design ensures reliable performance and low maintenance, while the compact build significantly reduces space requirements in industrial setups.

Technical Specifications

YBT、YBN、JBT、JBN 型系列外形安装尺寸



External dimensions and installation diagram for standard series pulleys.

Performance Parameters

Type	Diameter (mm)	Power (KW)	Strip Width (mm)	Tape Speed (m/s)	Weight (kg) Max
YBT, YBN, JBT, JBN	280~800	1.5~37	500~1400	1.5~37	252~580

Supported Voltages

380V, 660V, 1140V

Environmental Requirements

Operational Limits

- Ambient temperature: -15°C to 40°C
- Altitude: d 1000 meters
- Conveyed material temperature: d 60°C
- Frequency: 50Hz

Key Features



Internal cycloidal drive mechanism designed for smooth power transmission.

Advanced Functionalities

Oil-Immersed Cooling • Flameproof Enclosure • Compact Design • Backstop Compatible • Braking Compatible • Rubber Coating Options